

Key QualiBenefits

Qualitest is proud to retain a constantly growing roster of global customers who continue to benefit from our product offerings. Qualitest offers guarantees that make us stand out in the competitive testing equipment industry in offering the best price/quality ratio products, efficient support, and much more. These are a few key benefits that we continue to offer to our customers worldwide:



Low Price Guarantee



Qualitest is confident to offer competitive products at the best possible prices. That's why we offer 110% Low Price Guarantee to meet and beat any price for the same level product. We ensure to offer the best value for your investment.

High Level of Standards



Qualitest products are built to meet and exceed latest North American and global standard requirements

Efficient Logistics



Short delivery periods for standard products from our many convenient worldwide distribution centers. Our large volume of shipments helps us to offer the most competitive shipping rates worldwide.

#1 Source for Testing Technologies



Qualitest is recognized as a one stop source for complete quality control lab solutions, as we provide streamlined support for all of your testing requirements without the need of relying on too many sources.

Vendor of Choice for many Fortune 500 companies



North American and global Fortune 500 corporations continue to benefit from Qualitest range of products, as we ensure the highest security and assurance for their investment.

Centralized Service & Support Coordination



Managed through our central service dept. we offer efficient customer service support, direct or via our worldwide QualiService authorized network.

Environmental Chambers



Environmental Chamber

www.Worl dofTest.com/environmental-chamber

Environmental chamber is designed for testing the capability of heat-endurance, cold-endurance, dryness-en-durance, and humidity-endurance, suitable for quality control of the industries of electron, electrical equipment, vehicle, metal, foodstuffs, chemistry, building materials, luggage, adhesion tape, printing, packaging, etc.

- Delicate touch screen sight and excellent user experience.
- Unique and compact design, top grade appearance, stable performance and easy operation.
- Environmental chamber can simulate a wide range of temperature and humidity environments.
- Capable of testing large components, assemblies, and finished products.
- Customized sizes and configurations available, Environmental test chamber.



Test Volume	80L	150L	225L	408L	800L	1000L
Temperature Range	-70°C~ +180°C	-70°C~ +180°C	-70°C~ +180°C	-70°C~ +(180°C)	-70°C~ +180°C	-70°C~ +180°C
Humidity Range	20%~ 95%	20%~ 95%	20%~ 95%	20%~ 95%	20%~ 95%	20%~ 95%
Inner Size (W*D*H)	400x400x500	500x500x600	500x600x750	600x800x850	1000x800x1000	1000x1000x1000

Environmental Test Chamber

www.Worl dofTest.com/environmental-test-chamber

Environmental Test Chamber simulates a full range of temperature and humidity conditions to test reliability, durability, climatic, freezing resistance, quality assurance, thermal endurance, plastic products, electrical appliances, instruments, food, vehicles, metals etc.

- Environmental test chamber exterior material is stainless steel with environmentally baking paint resists corrosion and provides impact resistance. Interior material is SUS304# stainless steel with excellent heat resistance and easy to clean.
- Safety relay connection is provided to protect your device under test by removing power to it when the environmental chamber is not running. Fog-free viewing window and interior light makes viewing workspace freely and observe the test under best conditions. Adjustable product shelf slides out for easier product access. Shelf design is non-tipping and supports large product loads. Left side of environmental test chamber with diameter 50mm cable port for power-on test. Optional electronic humidity sensor is used on all environmental chambers for accuracy and minimal maintenance.



Model #	QTTE-080	QTTE-150	QTTE-225	QTTE-408	QTTE-800	QTTE-1000
Test Volume	80L	150L	225L	408L	800L	1000L
Temp Humi Range	-70°C~+150°C	-70°C~+150°C	-70°C~+150°C	-70°C~+150°C	-70°C~+150°C	-70°C~+150°C

Temperature Humidity Chamber

www.Worl dofTest.com/temperature-humidity-chamber

Temperature humidity chamber is used to test material structure or composite, in the high temperature and ultralow temperature continuous environment. Suitable for electronic, LED lighting industry, auto parts, chemical industry, building materials, mobile computers, batteries, plastic, metal, rubber etc.

- Rational Construction and fast cooling rate
- Frequency conversion control of wind speed.
- Adopts international brand of imported parts for cooling system to improve operation reliability
- Touch screen controller, friendly Man-machine interface and safety device to ensure simple operation and easy maintenance.



Climatic Chamber

Qualitest's Climatic chamber is designed to do high temperature & high humidity, high and low temperature, or temperature cycling test, Climatic chamber mainly used for quality checking and assessing their quality reliability and life test.

The climatic chamber simulate a full range of temperature testing and humidity testing conditions. These chambers are designed for ease-of-use, reliability and performance and include many user-friendly features standard with your purchase for the best value in the industry.

Climatic test chambers are able to provide rapid product temperature change rates and use varying levels of relative humidity to locate design problems prior to shipping your products, improving product quality and reliability.



Ozone Tester / Ozone Chamber

www.Worl dofTest.com/ozone-tester-ozone-chamber

Ozone test chamber is a major factor in rubber cracking although it is rare in the atmosphere, ozone aging tank simulates and enhance the condition of ozone in the atmosphere to study the effects of ozone on rubber, and then identify and evaluate the method to resist ozone and aging for rubber, adopt effective anti-aging measures to enhance the life of rubber products.

- Stainless steel inside and outside for Ozone test chambers
- Outside made iron with powder coating
- Durable ozone generator (Ozone Test Chambers)
- Insulation material is High-density glass fiber cotton
- Bottom is universal round wheel and fixed foot

Model #	QTTH-OZ-080	QTTH-OZ-150
Test Volume	80L	150L
Testing Area(W*H*D)	400*500*400	500*600*500
Ozone Concentration	0-2000 pphm	0- 300 ppm
Temp Range	RT~65°C;	-10C +65C
Temp Uniformity	±2.0°C	±2.0°C
Test Air Volume	20-70L/min	20-70L/min

Rain Test Chamber

www.Worl dofTest.com/rain-test-chamber

JIS, ISO, IEC60529, DIN40050

Rain Test Chamber is designed according with the standards of IEC 60529-2001 and mainly used for electronic products to do the waterproof test.

- Rain test chambers with water pressure and flow rate adjustable.
- Unique sprinkler can stably control the rain quantity and pressure.
- There has a custom design solution with France Tecumseh Cooling System, and makes the rain test chamber can makes the testing samples' temperature rising from 4C~5C (Cold Testing) to RT-85°C (Hot Testing)
- Inner case's material is imported steel plates, Shell is made of #304 stainless steel. Water tank uses SUS304 stainless steel, which was installed on side of test devices.
- Rain test chamber applies for rain spray test for various types of products. Standard: IEC60529, ASTM/ISO/ ROHS Certification

Model #	QT-LY- 500C
Internal Dimension WxHxD (mm)	800*800*800
JIS Test (Flow)	1.8L/Min~3.9L/min
JIS Test (Pressure)	0.1kgf/cm2~0.3 kgf/cm2
Drop Test	1~1.5mm/min
High Pressure Jet Test	80 Kgf~100 Kgf
Rotating Speed of Rotating-Plate	4~20 RPM /Adjustable



UV Test Chamber

www.Worl dofTest.com/uv-test-chamber

UV test chambers have been developed to provide a UV weathering. The UV simulates the effect of sunlight with fluorescent ultraviolet (UV) lamps, while rain and dew are simulated by the condensation of humidity

- Stainless steel SUS#304 made, easy setting operation. Ventilation measurement function.
- Wing diffusion supply air circulation system, fresh air ventilation can be arbitrary adjustment.
- Internal rotary free dismantling, Suspension frame motors speed is 8-10 rpm. UV Test Chambers
- Optional accessories (Temp. Recorder, calibrated rack for 9 points calibration)
- Best after sales service: One year free parts maintenance. Meet international test standards.

Model #	QT-UV600-C	QT-UV800-C
Chambers Size (D×W×H)	500×1300×1450mm	550×1500×1500mm
Temperature Range	RT+10°C ~ 70°C	RT+10°C ~ 70°C
Humidity Range	≥95%R.H	≥95%R.H
Ultraviolet Wavelength	290nm ~ 400nmUV-A	290nm ~ 400nmUV-A
Board Temperature	40°C ~ 65°C	40°C ~ 65°C
Exposure Mode	Exposure with moisture	Condensation and light radiation
Safety Protection	Leakage, short circuit, over-temperature, water shortages,	Over-current protect/controller power memory protection



Walk in Chamber

www.Worl dofTest.com/walk-chamber

Walk in chamber comes in a variety of sizes, from a small box that fits on the bench top to a room-sized chamber for large objects or for testing large batches of product simultaneously. Temperature ranges from -60° C to 150° C and relative humidity ranges between 20% and 90% are available. A temperature humidity walk in chamber can also be used when constant climate conditions (temperature and/or humidity) are needed for product testing.

Walk in test chamber simulates the effects that a range of temperature and humidity conditions have on a product or material, for example telecommunications equipment or photovoltaic solar panels that are exposed to outdoor temperature and humidity conditions.

Model #	QTTH-W5000	QTTH-W15000
Test Volume	5000L	15000L
Temperature Range	-70°C~ +85°C	-70°C~ +80°C
Humidity Range	20%~ 95%RH<	30%~ 95%RH<



Xenon Test Chamber
www.WorldofTest.com/xenon-test-chamber

Xenon test chamber is affordable, full-featured, and has a large specimen capacity. It provides precise control of critical test parameters including spectrum, irradiance, relative humidity, chamber temperature and black standard temperature.

- Remarkably and simple user interface; Built in connection for data logging
- Keep with comprehensive self-diagnostic warnings and service reminders
- Xenon testing chamber is quick and easy calibration maintenance



Model #	QT-080-XD	QT500-XD
Volume	80L	500L
Internal Dimension (D×W×H mm)	500*400*400	800*800*800
Cooling System	Air Cooling	Water/Air Cooling
Temperature Range	RT+10°C~65°C	RT+10°C~85°C
Humidity Range (brightness)	10%~70%R.H	10%~78%R.H
Humidity Range (darkness)	10%~95%R.H	10%~98%R.H

Thermal Shock Chamber
www.WorldofTest.com/thermal-shock-chamber

Thermal Shock Chamber can be used for testing most commercial products to see how they withstand drastic temperature changes. A thermal shock chamber will subject a product to the most extreme temperature conditions, instantly.

- Thermal shock chamber divided into three zones: High temperature zone, low temperature zone, and testing zone. The test sample is in static mode.
- Using touch-control graph control as operation interface, easy to operate.
- Use wind route conversation to shock way to distribute temperature to test zone for cold shock measurement.
- For high or low temperature shock, max. Time is up to 999H, and max. Circulation cycles are 9999 times.
- The system can be used for automatic Circulation Shock or manual selective shock.



Volume Size	27L	50L	80L	150L
Interior Dimension (W×H×D)	300*300*300mm	350*400*350mm	400*500*400mm	500*600*500
Electric Current	35A max	55A max	78A max	120A max
Cooling System	Air Cooling	Water Cooling	Air Cooling	Water Cooling
Temperature Range	-70°~200°C	-70°~200°C	-70°~200°C	-70°~200°C
Humidity Range	40 ~ 95%RH	40 ~ 95%RH	40 ~ 95%RH	40 ~ 95%RH

Salt Spray Tester
www.WorldofTest.com/salt-spray-tester

ASTM-B117, JIS-D0201, JIS-H8502, JIS-H8610, JIS-Z2371,
The Salt Spray Tester – Salt Spray Cabinet – Chamber – Fog Apparatus is used to create and maintain the salt spray (fog) test environment, and test the anti-corrosion quality of all the materials surfaces after the rust-proof of painting, coating, electroplating, anodizing and rust-proof of greasing. Our salt spray testers available in two capacities meet ASTM-B117, JIS-D0201, JIS-H8502, JIS-H8610, JIS-Z2371 and other International Standards test methods. Power supplied can be configured upon request.



Model #	QT-SS7004		QT-SS7004M	QT-SS7004-L
Test Chamber	108 L		270L, 400L(optional)	600 L, 800 L, 1000 L, 1200 L, 1440 L (optional)
Temp.	Test	35°C ±1°C/ 50°C ±1°C		
	Air	47°C ±1°C/ 63°C ±1°C		
Test Water	15 L		25 L	40 L
PH	6.5~7.2 3.0~3.3			
Dimension(W×D×H)	145×102×120cm		141×88×128 cm	210×150×135 cm

Freezing Tester
www.WorldofTest.com/freezing-tester

ASTM D 1790, ASTM D1593
Our Freezing Tester units are available in vertical or horizontal configurations are used to test the bending/flexing durability of rubber, plastics, synthetic leather, shoes, etc., under cold temperatures as low as -30°C or -70°C depending on the selected model. The test chambers can be equipped with a variety of flexing/bending fixtures made of stainless steel.



Model	QT-7006VFT30	QT-7006VFT60	QT-7006VFT70
Temperature Range	Room Temp. ~ -30°C	Room Temp. ~ -60°C	Room Temp. ~ -70°C
Cooling Speed	Within 60 min (approx.)		
Refrigeration System	Single stage, hermetic compressor		Two stage, hermetic compressor
Insulation	Hard polyurethane foam		
Control and display system	HMI + PLC		
Interior Dimensions (WxDxH)	50x50x60 cm		
Weight	400 kg	420 kg	450 kg